

WHAT IS CLAIMED IS;

1. An image forming apparatus comprising a transfer device, wherein said transfer device having charge removing cloth which is integrally attached to an attraction plate
5 for separating a transfer medium after transfer.

2. An image forming apparatus as claimed in claim 1, wherein said charge removing cloth has two or more layers which are allowed to be peeled off.

3. An image forming apparatus as claimed in claim 2,
10 wherein the layers of charge removing cloth have different resistances, respectively.

4. An image forming apparatus as claimed in claim 2, wherein the voltage to be applied to the charge removing cloth is changed every layer.

15 5. An image forming apparatus as claimed in claim 2, wherein the distance between the outermost layer of the charge removing cloth and the transfer medium is adjustable.

6. An image forming apparatus as claimed in claim 2, wherein a film is interposed between adjacent layers of
20 charge removing cloth.

7. An image forming apparatus as claimed in claim 2, wherein an electrical leak prevention member is disposed between the transfer roller and the attraction plate/the charge removing cloth so as to expose the outermost layer
25 of charge removing cloth only.

8. An image forming apparatus as claimed in claim 1, wherein a guide member for guiding the transfer medium after transfer is provided and the attraction plate with the charge

removing cloth is arranged to be detachable from the guide member.

9. An image forming apparatus in which an image is transferred from an image carrier to a transfer medium by applying a transfer bias between a transfer roller and the image carrier by a constant-current control means, wherein a leak member is arranged in the vicinity of the transfer roller to allow current to leak from the transfer roller to the leak member.

10. An image forming apparatus as claimed in claim 9, wherein said leak member is nonwoven fabric made of conductive super tiny fibers.

11. An image forming apparatus as claimed in claim 9 or 10, wherein said leak member also functions as a charge removing member for removing charge on the transfer medium.

12. An image forming apparatus as claimed in claim 9 or 10, wherein said leak member is attached to a transfer medium guide member.

13. An image forming apparatus as claimed in claim 9 or 10, wherein the width of said leak member in the axial direction of the transfer roller is equal to or more than the width of the maximum transfer medium or equal to or more than the width of printing range of the maximum transfer medium.

14. An image forming apparatus as claimed in claim 9, wherein said constant-current control means conduct the constant-current control on the basis of a temperature table in which current values are set corresponding to temperature

ranges.